

Converting Colors

CIELCh(34, 22.377, 186.655)

Have a look what the booklet for
CIELCh(34, 22.377, 186.655)
contains.

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Color

CIELCh(34, 22.225, 186.608)

Conversions

Conversions Part 1

Format	Color
Hex	165953
RGB	22, 89, 83
RGB Percent	9%, 35%, 33%
CMY	0.9154, 0.6494, 0.6730
CMYK	0.76, 0.00, 0.07, 0.65
HSL	175°, 61%, 22%
HSV	175°, 76%, 35%
XYZ	5.5038, 8.0082, 9.5189
YIQ	68.2830, -38.0060, -16.0700

Conversions

Conversions Part 2

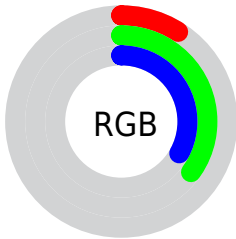
Format	Color
R_{YB}	22, 57, 89
Decimal	1464659
CIE _{Lab}	34.00, -22.08, -2.56
CIE _{LCh}	34, 22.225, 186.608
Yxy	8.0082, 0.2390, 0.3477
Android (android.graphics.Color)	4279654739 (0xFF165953)
YUV	68.2830, 7.2555, -40.5902
Hunter-Lab	28.2988, -14.8063, -0.1343

Details

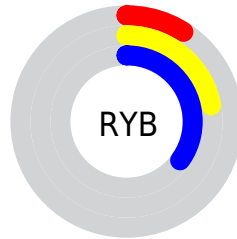
The CIELCh color **34, 22.225, 186.608** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19, 34.296, 24.368**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 21.961, 186.577**, and **15, 15.813, 183.000** is the 20% darker color. If you saturate the color by 10%, you get **34, 23.609, 185.768**, and if you desaturate by 10%, it is **34, 20.413, 187.398**.

Distribution



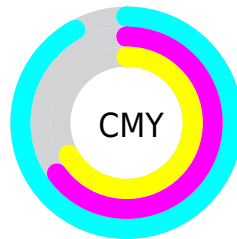
- Red (9%)
- Green (35%)
- Blue (33%)



- Red (9%)
- Yellow (22%)
- Blue (35%)



- Cyan (76%)
- Magenta (0%)
- Yellow (7%)
- Black (65%)



- Cyan (92%)
- Magenta (65%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 22.225, 186.608 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 34, 22.225, 186.608 by changing the saturation by 10% instead.

 34, 22.225,
186.608

 34, 22.225,
186.608

 100, 22.225,
186.608


 24, 22.225,
186.608

 54, 22.225,
186.608

 14, 22.225,
186.608

 64, 22.225,
186.608

 4, 22.225, 186.608

 74, 22.225,
186.608

 0, 22.225, 186.608

 84, 22.225,
186.608

 94, 22.225,
186.608

■ 34, 22.225,
186.608

■ 34, 22.225,
186.608

■ 34, 23.609,
185.768

■ 34, 20.413,
187.398

■ 34, 24.687,
184.902

■ 35, 18.185,
188.154

■ 34, 25.132,
184.563

■ 35, 15.571,
188.886

■ 36, 12.615,
189.604

■ 36, 9.369, 190.315

■ 37, 5.886, 191.030

■ 38, 2.219, 191.806

■ 38, 1.583, 12.168

■ 39, 5.477, 12.987

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34, 22.225, 186.608



19, 34.296, 24.368

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34, 22.225, 186.608



34, 22.225, 236.608



34, 22.225, 6.608



34, 22.225, 56.608

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34, 22.225, 186.607



47, 10.473, 190.465



33, 46.501, 136.596



23, 7.132, 190.296



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34, 22.225, 186.607



44, 29.573, 185.038



25, 20.713, 259.010



18, 2.152, 191.555



41, 29.062, 184.283



85, 51.531, 183.562

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19, 34.296, 24.368



24, 50.758, 31.220



25, 29.438, 57.311



17, 2.246, 12.652



21, 51.715, 33.269



50, 95.255, 37.067

Previews

White Background



This preview shows how the CIELCh color 34, 22.225, 186.608 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 34, 22.225, 186.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

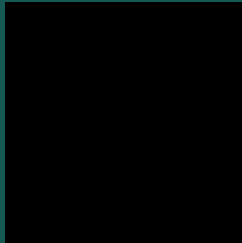
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 22.225, 186.608

Background



This preview shows how black text looks on a background with the CIELCh color 34, 22.225, 186.608.



This preview shows how white text looks on a background with the CIELCh color 34, 22.225, 186.608.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34, 22.068, 186.558

Protanopia

34, 1.444, 45.031

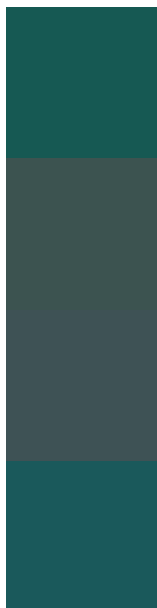
Deuteranopia

34, 6.624, 321.841



Tritanopia
34, 18.915, 210.649

Trichromacy



Original Color
34, 22.068, 186.558

Protanomaly
33, 9.557, 186.617

Deuteranomaly
33, 8.111, 211.895

Tritanomaly
34, 19.948, 200.474

Monochromacy



Original Color
34, 22.068, 186.558

Achromatopsia
29, 0.005, 296.813

Achromatomaly
30, 10.193, 190.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 22.225, 186.608 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(22, 89, 83)` looks like.

```
.text, #text, p{  
    color:rgb(22, 89, 83)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(22, 89, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 89, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 22.225, 186.608 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(22, 89, 83) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(22, 89, 83) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(22, 89, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 89, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 89, 83);  
box-shadow:4px 4px 4px 4px rgb(22, 89, 83)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 22.225, 186.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 89, 83) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(22, 89,  
83) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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